

Alpha Single Cleat Data Sheet

Alpha Cable Cleats are available for single cable applications where moderate to low levels of short circuit withstand are required. The unique patented design allows rapid installation. Manufactured from extruded aluminium (6000 series), the product is lighter and tougher than the cast product it is designed to replace. The cleats are supplied with zinc plated closing fasteners. Alpha Cleats are available with two base options: Aluminium or polymer. The polymeric LSF zero halogen base can be used to prevent galvanic corrosion, where this could be a problem. **UK Patent GB 240 5900**



American Bureau of Shipping Type Approval.

The Alpha Cable Cleats are compliant with the requirements of London Underground Standard 1-085. Product Register No. 360.

Alpha Single Cleats are manufactured to specific cable diameters. They are also available in a polyester coating as shown in the photograph and alternative fasteners are available on request. Please contact Ellis Patents for details.

Testing Information

Alpha Cleats have been tested in line with the European Standard of 'Cable Cleats for Electrical Installations' BS EN 50368:2003. Typical results are detailed below:

Properties	BS EN 50368:2003 Classification Clause	Units / Classification	Alpha Single Cable Application Test Data
Cleat Type	6.1, 6.1.1	Metallic	-
Impact Resistance	6.2, 6.2.5, 9.3	Very Heavy	Pass
Resistance to Electromechanical Force.	6.3.2, 6.3.2.2, 9.4	Refer to Ellis Patents for details	Refer to Ellis Patents for details
Temperature for Permanent Application	6.4	°C	-40 to 90 60 for polymeric base version)
Needle Flame Test	6.5, 10.0	Application Time (seconds)	>120
Lateral Load Test	9.2	Newtons (N)	10000
Axial Movement Test	9.5	Newtons (N)	1000